

M. V. "STANFORD BUZZARD"

10800 BHP MULTIPURPOSE SUPPLY VESSEL, DP2, Fifi 1



PRINCIPAL PARTICULARS:

Design	:	MMC 887
Class (ABS)	:	+A1, (E) offshore Support Vessel AMS + DPS-2 + FFV Class 1
Flag	:	St. Vincent and The Grenadines
Delivery Date	:	October 2011
Call Sign	:	J8B412
IMO No.	:	9533634
GRT/NRT	:	3601 / 1429

DIMENSIONS:

Length Overall	:	87.075m
Breadth Moulded	:	18.80m
Depth Main deck	:	7.40m
Max. Summer Draft	:	6.05m
Cargo Deck Area	:	1000m ²
Deck cargo	:	approx. 3550MT
Deadweight	:	5145MT
GRT / NRT	:	3601 / 1429

PERFORMANCE:

Max Speed	:	13 knots
Service Speed	:	11 knots
Fuel consumption at max speed	:	24.0 (MT/24h)
Fuel consumption at Service Speed	:	15.7 (MT/24h)

CAPACITIES:

Fuel Oil	:	942.42 cbm
Fresh Water	:	502.25 cbm
Potable Water	:	167.84 cbm
Drill Water	:	1832.23 cbm
Liquid Mud (Methanol)	:	682 cbm
Liquid Mud	:	1300 cbm
Dry Bulk	:	400.70 cbm

PUMPS WITH DISCHARGE RATE:

Fuel Oil cargo Transfer	:	1 x DESMI pump off 150/20 (m3/h) 9 bar, electric driven
Ballast Water / Drill	:	1 x DESMI pump off 150/80 (M3/h) 9 bar, electric driven
Fresh Water	:	1 x DESMI pump off 150/80 (M3/h) 9 bar, electric driven
Liquid Mud	:	4 x P.G pumps off 150 (m3/h) 14 bar electric drive
Mud Cleaning System	:	BUTTERWORTH for 8 off liquid mud tanks
Dry Bulk	:	2 x INGERSOLL-RAND compressor of 1100 (m3/h) 5.6 bar electric driven
Bilge	:	1 x DESMI pump off 65 (m3/h) 20.5 bar electric driven

PUMPS WITH DISCHARGE RATE:

Methanol Pump	:	HAMWORTHY DW 100/100-4-K Cbm 10.57/h 1.13 MPa
FiFi Pumps	:	2 x SEAPLUS pumps 1200(m3/h)

MACHINERY SYSTEM:

Bow Thruster	:	1 x 910 (kW); 1 x 1 220 (HP) Rolls Royce TT1850 DPN CP
Retractable thruster	:	1 x 800 (kW); 1 x 1 072 (HP) Rolls Royce UL1201 CP
Stern thruster	:	2 x 2 000 (kW); 2 x 2 680 (HP) Rolls Royce 255P30 FP
Main generator	:	4 x 2 282 (kVA); Water cooled - ABB
Emergency Generator	:	1 x 481 (kVA); Air cooled 1 - ABB

DECK MACHINERY:

Provision crane SB side	:	1 x provision, straight arm deck crane – 2 MT @ 0(m)
Tugger Winches	:	2 x 10 (MT); electric driven

DYNAMIC POSITIONING SYSTEM:

DP – 2 (Kongsberg)	:	3 x Wind Sensor, 2 x MRU, 3 x Gyrocompass, 2 x DGPS 1 x Radius System, 2 x Independent Joystick, Interface for future HiPAP Installation, Follow target Mode (R.O.V) mode, 2 x Portable joystick
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ANCHORING AND MOORING EQUIPMENT:

Windlass	:	2 x combined windlass / monitoring winch; electric driven
Capstans	:	2 x capstans aft: 10 (MT) pull: electric driven
K-POS	:	21

ACCOMMODATION:

Number of Person	:	48 Persons 16 x One Man Cabins 16 10 x Two Men Cabins 20 3x Four men cabins 12 1 x Dispensary 1 x office 1 x Gym
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NAVIGATION/COMMUNICATION EQUIPMENT:

1 X Furuno ARPA S- Band Radar
1 x Furuno ARPA X- Band Radar
1 x INMARSAT C Satellite
1 x GPS for Navigation
1 x Complete GMDSS A3 Radio Installation
1 x AIS (Automatic Identification System)
1 x VDR (Voyage Data recorder)
1 x SSAS Distress Alarm (Combined with INMARSAT-C) Maker Furuno

RESCUE EQUIPMENT:

Mob	:	1 X SOLAS, type MOB for 6 persons made fro GRP
Speed	:	6 knots
Davit	:	Single Arm rescue boat crane
SWL	:	13.5 (kN)